

Table 5. East Coast MHW Zone information. There are 20 MHW zones on the East coast. The lidar tiles within each zone are listed, the geographic area for each zone is described, and the operational MHW elevation for each zone (the elevation at which lidar shorelines will be derived in that zone) is given. Descriptions of the tide station data that were used to determine the operational MHW elevation for each zone are given in the “Notes” section, as are details on why the particular boundaries for each zone were chosen. Tide station numbers in the “Notes” section correspond to the station numbers in Table 1.

MHW Zone	Tiles	Geographic Area	Operational MHW Elevation (meters above NAVD 88)	Notes
1	me03, me02, me01, nh01, ma19, ma18, ma17, ma16, ma15, ma14, ma13, ma12	Cliff Island, ME to Barnstable, MA	1.22	Based on the average of stations #7 (1.20 m), 8 (1.18 m), 9 (1.18m), 10 (1.18 m), 11 (1.19 m), 12 (1.19 m), 13 (1.19 m), 14 (1.21 m), 15 (1.23 m), 16 (1.23 m), 17 (1.29 m), 18 (1.28 m), 19 (1.28 m), 20 (1.20 m), 21 (1.26 m), 22 (1.18 m) and 23 (1.31 m). Lidar shorelines will not be calculated north of me03.
2	ma11, ma10, part of ma09	Race Point, Cape Cod, MA to the southern end of Nauset Spit, Cape Cod, MA	0.98	Based on the average of stations # 24 (1.23 m), 25 (1.02 m), 26 (0.77 m) and 27 (0.88 m).
3	Part of ma09, part of ma04	Monomoy Island, MA and the northeast side of Nantucket to Tom Never’s Head, Nantucket	0.39	Based on the average of stations #28 (0.42 m) and 29 (0.36 m).
4	Part of ma04, ma03, ma02, ma01	Southern shore of Nantucket beginning at Tom Never’s Head west through Martha’s Vineyard	0.29	Based on the average of stations #32 (0.26 m), 33 (0.27 m), 34 (0.30 m), 35 (0.30 m), 36 (0.32 m), & 37 (0.30 m). Stations #30 and 31 were not used in the calculation of MHW for this zone because their MHW elevations are close to zero (0.04 m).
5	ma05, ri03, part of ri02	Acoaxet, MA to Point Judith, RI	0.36	Based on the average of stations #38 (0.32 m) 39 (0.38 m), 40 (0.36 m), 41 (0.38 m), 42 (0.36 m), and 43 (0.33 m).

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6	Part of ri02, ri01	Point Judith, RI to Napatree Point, RI	0.22	Based on the average of stations # 44 (0.22 m) and 45 (0.23 m).
7	ct08, ct07, ct06	Napatree Point, RI to Clinton Harbor, CT	0.29	Based on the average of stations #46 (0.21 m), and 47 (0.27 m), and 48 (0.39 m).
8	ny10, ny09, ny08, ny07, ny06, ny05, ny04, ny03, part of ny02	Long Island, NY: Montauk Point to Rockaway Point	0.46	Based on the average of stations #49 (0.36 m), 50 (0.48 m), and 51 (0.54 m).
9	Part of ny02, part of nj08	Coney Island, NY to Staten Island, NY	0.59	Based on the average of stations #52 (0.58 m), 53 (0.57 m), 54 (0.61 m), and 55 (0.61 m).
10	Part of nj08, nj07, nj06, nj05, nj04, nj03, nj02, nj01	Sandy Hook, NJ to Cape May Point, NJ	0.43	Based on the average of stations #56 (0.49 m), 57 (0.39 m), and 58 (0.42 m).
11	de01, md02, md01, va06, va05, va04, va03, part of va02 north of Chesapeake Bay entrance.	Delaware Bay entrance to Chesapeake Bay entrance	0.34	Based on the average of stations #59 (0.31 m) and 60 (0.38 m). Only two stations represent the entire eastern shore of DE, MD, and VA. Tile va02 spans either side of the Chesapeake Bay entrance and is therefore split between MHW zones 11 and 12.
12	Part of va02 south of Chesapeake Bay entrance, va01, nc19 through nc11, part of nc10 east of the tip of Cape Lookout	Chesapeake Bay entrance to Cape Lookout, NC	0.26	Based on the average of stations #61 (0.29 m), 62 (0.21 m), 63 (0.31 m), 64 (0.27 m), and 65 (0.24 m). Tile va02 spans either side of the Chesapeake Bay entrance and is therefore split between MHW zones 11 and 12. The MHW division at Cape Lookout point splits tile nc10, but the point is a natural geographic break, and this division prevents a mid-island discontinuity in MHW.
13	Part of nc10 west of the tip of Cape Lookout, nc09 through nc04, part of nc03 north of the tip of Cape Fear	Cape Lookout, NC to Cape Fear, NC	0.36	Based on the average of stations #66 (0.37 m) and 67 (0.36 m). The MHW division at Cape Lookout point splits tile nc10, but the point is a natural geographic break, and this division prevents a mid-island discontinuity in MHW. The MHW division at Cape Fear point splits tile nc03, but this point is also a natural geographic break, and this division also prevents a mid-island discontinuity in MHW.
14	Part of nc03 west of the tip of Cape Fear, nc02, nc01, sc11 through part of sc04	Cape Fear, NC to Folly Beach, SC	0.51	Based on the average of stations #68 (0.49), 69 (0.55), 70 (0.46), 71 (0.50), and 72 (0.53). The MHW division at Cape Fear point splits tile nc03, but this point is a natural geographic break, and this division prevents a mid-island discontinuity in MHW.

MHW Zone	Tiles	Geographic Area	Operational MHW Elevation (meters above NAVD 88)	Notes
15	Part of sc04, sc03,sc02,sc01, ga05, ga04	Kiawah Island, SC to St. Catherine's Island, GA	0.75	Based on the average of stations #73 (0.69), 74(0.75), and 75 (0.81). The boundary between tiles ga04 and ga03 falls in an inlet, so the MHW division cleanly separates two islands.
16	ga03, ga02, ga01, fl72, part of fl71 north of St. John's River entrance	Sapelo Island, GA to St. John's River entrance, FL	0.68	Based on the average of stations # 76 (0.71 m) and 77 (0.66 m). The MHW division at St. John's River entrance splits tile #71, but this split prevents a change in MHW within a continuous island.
17	Part of fl71 south of St. John's River entrance, fl70, part of fl69 north of St. Augustine Inlet.	St. John's River entrance, FL, to St. Augustine Inlet, FL (Jacksonville Beach)	0.52	Based on the average of stations # 78 (0.58 m) and 79 (0.45 m). Station #79 is actually south of this section (on St. Augustine Beach), but the only station in this section (#78) is at the north end within a region where the tide range is rapidly changing. The MHW division at St. John's River entrance splits tile fl71, and the MHW division at St. Augustine Inlet splits tile fl69, but these divisions prevent MHW from changing within a continuous island.
18	Part of fl69 south of St. Augustine Inlet, part of fl68 north of Matanzas Inlet	St. Augustine Inlet, FL to Matanzas Inlet, FL (St. Augustine Beach)	0.45	Based on station #79 (0.45 m). The MHW division at St. Augustine Inlet splits tile fl69, and the MHW division at Matanzas Inlet splits tile fl68, but these divisions prevent MHW from changing within a continuous island.
19	Part of fl68 south of Matanzas Inlet, fl67, fl66, fl65, fl64, part of fl63 north of the tip of Cape Canaveral	Matanzas Inlet, FL to Cape Canaveral, FL	0.28	Based on station 80 (0.28 m). This is a long section of coast with only one tide station in the middle (at Daytona Beach). The MHW division at Matanzas Inlet splits tile fl68, but this division prevents a change in MHW within a continuous island. The tip of Cape Canaveral is a natural division on the south MHW zone boundary, although this splits tile fl63.
20	Part of fl63 south of the tip of Cape Canaveral, through fl52	Cape Canaveral to Key Biscayne	0.07	Based on the average of stations #81 (0.13 m), 82 (0.00 m), 83 (0.09 m), 84 (0.07 m), 85 (0.11 m), 86 (0.04 m), 87 (0.06 m), and 88 (0.03 m). The tip of Cape Canaveral is a natural division on the north MHW zone boundary, although this splits tile fl63. The south boundary of this section (tile fl52) is in open water.